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+-----+
! Object Module Synopsis !
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Module Name	Ident	Bytes	File	Creation Date	Creator
CHECKSUM_IMAGE	V04-000	2830	-\$255\$DUA28:[UTIL32.OBJ]UTIL32.OLB;1	16-Sep-1984 02:17	VAX-11 Bliss-32 V4.0-742
CKSMMSG	0	427	-\$255\$DUA28:[UTIL32.OBJ]UTIL32.OLB;1	16-SEP-1984 02:16	VAX-11 Message V04-00
IMG\$DECODE	V04-000	869	-\$255\$DUA28:[SYSOBJ]SYS.OLB;1	16-Sep-1984 02:41	VAX-11 Bliss-32 V4.0-742
SYS	V04-000	0	-\$255\$DUA28:[SYSOBJ]SYS.STB;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
CLIS\$INTERFACE	V04-000	516	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 00:32	VAX-11 Bliss-32 V4.0-742
CLIS\$GLOBALS	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:38	VAX/VMS Macro V04-00
SYS\$P1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	-\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

+-----+
! Image Section Synopsis !
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Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	0	1	00000200	2	0	READ ONLY				
	0	1	00000400	0	0	READ WRITE DEMAND ZERO				
	0	6	00000600	3	0	READ ONLY				
	0	2	00001200	9	0	READ WRITE COPY ON REF				
	0	1	P-00001600	11	0	READ ONLY				
	0	1	00001800	12	0	READ WRITE FIXUP VECTORS				
	253	20	7FFFD800	0	0	READ WRITE DEMAND ZERO				
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11

Key for special characters above:

+-----+
! R - Relocatable !
! P - Protected !
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+-----+
! Program Section Synopsis !
+-----+

Psect Name	Module Name	Base	End	Length	Align	Attributes
\$SPLITS	CHECKSUM_IMAGE	00000200 00000200	00000273 00000273	00000074 () 00000074 ()	116.) LONG 2 116.) LONG 2	NOPICT,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
\$GLOBAL\$	CHECKSUM_IMAGE	00000400 00000400	0000040F 0000040F	00000010 () 00000010 ()	16.) LONG 2 16.) LONG 2	NOPICT,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
\$OWNS	CHECKSUM_IMAGE	00000410 00000410	00000583 00000583	00000174 () 00000174 ()	372.) LONG 2 372.) LONG 2	NOPICT,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
\$CODE\$	CHECKSUM_IMAGE CLISINTERFACE	00000600 00000600 00000F18	0000111B 00000F15 0000111B	00000B1C () 00000916 () 00000204 ()	2844.) LONG 2 2326.) LONG 2 516.) LONG 2	NOPICT,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
YF\$\$\$SYSIMGACT	IMG\$DECODE	00001200 00001200	00001564 00001564	00000365 () 00000365 ()	869.) LONG 2 869.) LONG 2	NOPICT,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
MSG\$AAAAAAAAAAAA	CKSMMSG	00001600 00001600	0000160F 0000160F	00000010 () 00000010 ()	16.) LONG 2 16.) LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC
MSG\$AAAAAAAAAAAAAB	CKSMMSG	00001610 00001610	00001613 00001613	00000004 () 00000004 ()	4.) LONG 2 4.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC
MSG\$AAAAAAAAAAAAAC	CKSMMSG	00001614 00001614	00001617 00001617	00000004 () 00000004 ()	4.) LONG 2 4.) LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC
MSG\$SECTION	CKSMMSG	00001618 00001618	000017AA 000017AA	00000193 () 00000193 ()	403.) BYTE 0 403.) BYTE 0	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT, VEC


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+-----+
! Symbol Cross Reference !
+-----+

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Symbol	Value	Defined By	Referenced By ...
CKSM\$GL_ACUCKSM	00000408-R	CHECKSUM_IMAGE	
CKSM\$GL_CHKSUM	00000404-R	CHECKSUM_IMAGE	
CKSM\$GL_IHDCKSM	00000400-R	CHECKSUM_IMAGE	
CKSM\$GL_MAXBYT	0000040C-R	CHECKSUM_IMAGE	
CKSM\$ACLISCHK	00C2800B	CKSMMSG	CHECKSUM_IMAGE
CKSM\$BADIMGHDR	00C28032	CKSMMSG	CHECKSUM_IMAGE
CKSM\$FACILITY	000000C2	CKSMMSG	
CKSM\$FILE	00C28013	CKSMMSG	CHECKSUM_IMAGE
CKSM\$IHDCHKSUM	00C2801B	CKSMMSG	CHECKSUM_IMAGE
CKSM\$ISECTCHK	00C28023	CKSMMSG	CHECKSUM_IMAGE
CKSM\$NONIMGCHK	00C2802B	CKSMMSG	CHECKSUM_IMAGE
CLIS\$DCL_PARSE	00000FE7-R	CLIS\$INTERFACE	
CLIS\$DISPATCH	00001098-R	CLIS\$INTERFACE	
CLIS\$GET_VALUE	00000F5B-R	CLIS\$INTERFACE	CHECKSUM_IMAGE
CLIS\$NEXT_QUAL	000010D9-R	CLIS\$INTERFACE	
CLIS\$PRESENT	00000F18-R	CLIS\$INTERFACE	CHECKSUM_IMAGE
CLIS_ABSENT	000381F0	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_COMMA	0003FD39	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_CONCAT	0003FD29	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_DEFAULTED	0003FD21	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_LOCNEG	00038230	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_LOCPRES	0003FD31	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_NEGATED	000381F8	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_NOCOMD	000380B0	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_PRESENT	0003FD19	CLIS\$GLOBALS	CLIS\$INTERFACE
EXESC_SYSEFN	0000001F	SYS	IMG\$DECODE
GETFICENAME	00000EE0-R	CHECKSUM_IMAGE	
IMG\$DECODE_IHD	00001208-R	IMG\$DECODE	CHECKSUM_IMAGE
IMG\$GET_NEXT_ISD	000013F3-R	IMG\$DECODE	CHECKSUM_IMAGE
LIB\$FIND_FILE	00001858-RX	LIBRTL	CHECKSUM_IMAGE
LIB\$FREE_VM	00001864-RX	LIBRTL	CHECKSUM_IMAGE
LIB\$GET_VM	00001868-RX	LIBRTL	CHECKSUM_IMAGE
LIB\$SET_SYMBOL	00001854-RX	LIBRTL	CHECKSUM_IMAGE
LIB\$SIGNAL	00001860-RX	LIBRTL	CHECKSUM_IMAGE
LIB\$STOP	0000185C-RX	LIBRTL	CHECKSUM_IMAGE
STR\$ANALYZE_SDESC	00001848-RX	LIBRTL	CLIS\$INTERFACE
STR\$COPY_DX	0000184C-RX	LIBRTL	CHECKSUM_IMAGE
STR\$UPCASE	00001850-RX	LIBRTL	CHECKSUM_IMAGE
SYS\$CLI	7FFEE18	SYS\$P1_VECTOR	CLIS\$INTERFACE
SYS\$CLOSE	7FFEE1B8	SYS	CHECKSUM_IMAGE
SYS\$CONNECT	7FFEE1C0	SYS	CHECKSUM_IMAGE
SYS\$CREATE	7FFEE1C8	SYS	CHECKSUM_IMAGE
SYS\$DASSGN	7FFEEDE0	SYS	CHECKSUM_IMAGE
SYS\$DISCONNECT	7FFEE1D0	SYS	CHECKSUM_IMAGE
SYS\$FAOL	7FFEDF58	SYS	CHECKSUM_IMAGE
SYS\$GET	7FFEE180	SYS	CHECKSUM_IMAGE
SYS\$GETMSG	7FFEE0B0	SYS	CHECKSUM_IMAGE
SYS\$K_VERSION	48513258	SYS	
SYS\$OPEN	7FFEE208	SYS	CHECKSUM_IMAGE

<u>Symbol</u>	<u>Value</u>	<u>Defined By</u>	<u>Referenced By ...</u>
SY\$SPUT	7FFEE188	SYS	CHECKSUM_IMAGE
SY\$QIOW	7FFEDE00	SYS	CHECKSUM_IMAGE IMG\$DECODE

+-----+
! Symbols By Value !
+-----+

Value

Symbols...

0000001F	EXESC_SYSEFN
000000C2	CKSMS_FACILITY
00000400	R-CKSMSGL_IHDCKSM
00000404	R-CKSMSGL_CHKSUM
00000408	R-CKSMSGL_ACUCKSM
0000040C	R-CKSMSGL_MAXBYT
00000EE0	R-GETFILENAME
00000F18	R-CLISPRESENT
00000F5B	R-CLISGET_VALUE
00000FE7	R-CLISDCL_PARSE
00001098	R-CLISDISPATCH
000010D9	R-CLISNEXT_QUAL
00001208	R-IMG\$DECODE_IHD
000013F3	R-IMG\$GET_NEXT_ISD
00001848	RX-STR\$ANALYZE_SDESC
0000184C	RX-STR\$COPY_DX
00001850	RX-STR\$UPCASE
00001854	RX-LIB\$SET_SYMBOL
00001858	RX-LIB\$FIND_FILE
0000185C	RX-LIB\$STOP
00001860	RX-LIB\$SIGNAL
00001864	RX-LIB\$FREE_VM
00001868	RX-LIB\$GET_VM
000380B0	CLIS_NOCOMD
000381F0	CLIS_ABSENT
000381F8	CLIS_NEGATED
00038230	CLIS_LOCNEG
0003FD19	CLIS_PRESENT
0003FD21	CLIS_DEFAULTED
0003FD29	CLIS_CONCAT
0003FD31	CLIS_LOCPRES
0003FD39	CLIS_COMMA
00C2800B	CKSMS_ALLISCHK
00C28013	CKSMS_FILE
00C2801B	CKSMS_IHDCHKSUM
00C28023	CKSMS_ISECTCHK
00C2802B	CKSMS_NONIMGCHK
00C28032	CKSMS_BADIMGHDR
48513258	SYSSK_VERSION
7FFFEDE00	SYSSQIOW
7FFFEDE18	SYSSCLI
7FFFEDEE0	SYSSDASSGN
7FFFEDF58	SYSSFAOL
7FFFEE0B0	SYSSGETMSG
7FFFEE180	SYSSGET
7FFFEE188	SYSSPUT
7FFFEE1B8	SYSSCLOSE
7FFFEE1C0	SYSSCONNECT
7FFFEE1C8	SYSSCREATE

Value

Symbols...

7FFEE1D0
7FFEE208

SYSSDISCONNECT
SYSSOPEN

Key for special characters above:

*	- Undefined
U	- Universal
R	- Relocatable
X	- External

+-----+
! Image Synopsis !
+-----+

Virtual memory allocated: 00000200 000019FF 00001800 (6144. bytes, 12. pages)
Stack size: 20. pages
Image header virtual block limits: 1. (1. block)
Image binary virtual block limits: 2. (11. blocks)
Image name and identification: CHECKSUM V04-000
Number of files: 7.
Number of modules: 8.
Number of program sections: 14.
Number of global symbols: 286.
Number of cross references: 106.
Number of image sections: 9.
User transfer address: 00000803
Number of code references to shareable images: 9.
Image type: EXECUTABLE.
Map format: FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[UTIL32.LIS]CHECKSUM.MAP;1
Estimated map length: 76. blocks

+-----+
! Link Run Statistics !
+-----+

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	104	00:00:00.27	00:00:01.52
Pass 1:	156	00:00:01.38	00:00:15.65
Allocation/Relocation:	30	00:00:00.11	00:00:00.99
Pass 2:	42	00:00:00.35	00:00:03.26
Map data after object module synopsis:	23	00:00:00.31	00:00:00.41
Symbol table output:	1	00:00:00.03	00:00:00.56
Total run values:	356	00:00:02.45	00:00:22.39

Using a working set limited to 1050 pages and 68 pages of data storage (excluding image)

Total number object records read (both passes): 428
of which 147 were in libraries and 24 were DEBUG data records containing 2013 bytes

Number of modules extracted explicitly = 3
with 3 extracted to resolve undefined symbols

10 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXECUTABLE=EXES:CHECKSUM/MAP=MAPS:CHECKSUM/FULL/CROSS/NOTRACE LIB\$:UTIL32/INCLUDE=(CHECKSUM_IMAGE,CKSMMSG),RESOBJ\$
:SYS.OLB/INCLUDE=IMG\$DECODE,EXSM:SYS.STB/SELECTIVE_SEARCH

0428

AH-BT13A-SE
 VAX/VMS V4.0

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